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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/858,252	05/15/2001	Stepan Sokolov	SUN1P829	1717
22434	7590	10/30/2003	EXAMINER	
BEYER WEAVER & THOMAS LLP			HO, THE T	
P.O. BOX 778				
BERKELEY, CA 94704-0778				
			ART UNIT	PAPER NUMBER
			2126	3
DATE MAILED: 10/30/2003				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/858,252

Applicant(s)

SOKOLOV ET AL.

Examiner

The Thanh Ho

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 May 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is in response to the application filed 5/15/2001.
2. Claims 1-20 have been examined and are pending in the application.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Blandy U.S Patent No. 6,481,006.

As to claim 1, Blandy teaches providing a reference (object reference, line 21 column 8) to Java parameter on a Java execution stack (Java parameter placed on the Java stack, lines 11-12 column 5), the Java parameter being parameter associated with a native method (copies parameters from the native stack to the Java stack for use by the target method, lines 6-8 column 5); accessing the Java parameter based on the reference (lines 14-36 column 8).

As to claim 2, Blandy further teaches the reference is provided to a set of macro instructions (native code or instructions that generate a call, lines 43-44 column 9).

As to claims 3-4, Blandy further teaches the macro instructions and native method are written in C programming language (written in C programming language, lines 10-11 column 5).

As to claim 5, Blandy further teaches converting the Java parameter to native parameter suitable for use by the native method (must be converted, lines 24-25 column 5).

As to claim 6, Blandy further teaches converting is performed by macro instructions (lines 37-67 column 9).

As to claim 7, note the discussion of claim 4 above.

As to claim 8, Blandy further teaches placing native parameter on a native execution stack (parameter were placed on the native stack, lines 8-9 column 5); executing native method using native parameter (lines 37-67 column 9).

As to claim 9, Blandy further teaches Java parameter is a Java reference object (object reference, line 21 column 8).

As to claim 10, note the discussions of claims 1 and 5-7 above.

As to claim 11, note the discussion of claim 4 above.

As to claim 12, note the discussion of claim 2 above. Blandy further teaches the macros (native code or instructions that generate a call, lines 43-44 column 9) operate to insulate the native method from the internals of a virtual machine (Java virtual

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machine, lines 24-25 column 6) that is invoking the native method (lines 37-67 column 9).

As to claims 13-14, note the discussions of claims 8-9 above, respectively.

As to claim 15, note the discussions of claims 1-2 above.

As to claim 16, note the discussion of claim 5 above.

As to claim 17, note the discussion of claim 4 above.

As to claim 18, note the discussions of claims 1-2 above.

As to claim 19, note the discussion of claim 5 above.

As to claim 20, note the discussion of claim 4 above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to The Thanh Ho whose telephone number is 703-306-5540. A voice mail service is also available for this number. The examiner can normally be reached on Monday – Friday, 8:30 am – 5:00 pm.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Any response to this action should be mailed to:

Commissioner for Patents

P.O Box 1450

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Or fax to:

- AFTER-FINAL faxes must be signed and sent to (703) 746 – 7238
- OFFICAL faxes must be signed and sent to (703) 746 – 7239
- NON OFFICAL faxes should not be signed, please send to (703) 746 – 7240

TTH
October 28, 2003



JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100